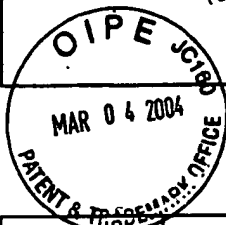


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2997-4-1-1-2	SERIAL NO. 00/072,550-10/802,392
	APPLICANT BARCLAY	
	FILING DATE OCTOBER 5, 2001	GROUP ART 1651



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	1	5,204,250	4-20-93	SHINMEN ET AL.	435	134	
	2	5,518,751	5-21-96	DE BOER ET AL.	426	585	
	3	5,658,767	8-19-97	KYLE	435	434	
	4	5,550,156	8-27-96	KYLE	514	547	
	5	5,374,657	12-20-94	KYLE	514	547	
	6	4,783,408	11-8-88	SUZUKI ET AL.	435	134	
	7	5,583,019	12-10-96	BARCLAY	435	134	
	8	5,882,703	3-16-99	BARCLAY	426	7	
	9	6,245,365	6-12-01	BARCLAY	426	7	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	10	WO 92/13086	08/06/92	PCT				
	11	WO 91/07498	05/30/91	PCT				
	12	WO 96/21037	07/11/96	PCT				
	13	WO 94/28913	12-22-97	PCT				
	14	EP 0 276541A	8-3-88	EP				
	15	DE 3920679 A1	12-27-90	Germany (English abstract)				
	16	JP 01304892	12/8/89	Japan			X	
	17	JP 163142	06-1993	Japan			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER 	DATE CONSIDERED 02/22/06
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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20	Computer Abstract JP63296665 Seven Tech KK Pub December 1988
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24	Radwan, pp. 421-430, 1991, <i>Appl. Microbiol. Biotechnol.</i> , Vol. 35
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33	APS ABS. J57-86254, Fujita et al., May 29, 1982.
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37	Translation of Yamada et al., a company publication of Daiichi Kogyo Yakuhin, which publication was received by the Japanese National Diet Library on July 12, 1990 and available to the public shortly after said date

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